Application No.:

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This listing of claims will replace all prior versions, and listings of claims in the application.

AMENDMENTS TO THE CLAIMS

- 1. (Currently amended) An adjuvant comprising a cationic surfactant dimethyldioctadecylammonium-bromide, -chloride, -phosphate or -acetate (DDA) and an apolar fraction or part of the apolar fraction of a total lipid extract of a mycobacterium.
- 2. (Previously presented) An adjuvant according to claim 1, wherein the part of the apolar fraction of the lipid extract is selected from the group consisting of phthiocerol dimycoccrosates, trehalose mycolipenates, glycosylated phenol phthiocerols, thehalose mycolates, sulfolipids, triacylglycerols and menaquinones.
 - 3. (Canceled)
 - 4. (Canceled)
 - 5. (Canceled)
 - 6. (Previously presented) A vaccine comprising the adjuvant according to claim 1.
- 7. (Previously presented) A vaccine according to claim 6, wherein said vaccine is formulated for parenteral, oral or mucosal administration.
 - 8. (Canceled)
- 9. (Currently amended) A vaccine according to claim <u>6</u> 8, <u>wherein the vaccine</u> comprises an <u>wherein the antigenic component</u>, and <u>wherein said antigenic component</u> comprises an ESAT6-Ag85B hybrid or a fragment thereof.
 - 10. (Canceled)
- 11. (Previously presented) A delivery system comprising the adjuvant according to claim 1.

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12. (Withdrawn) A method of preparing an adjuvant according to claim 1 comprising:

dissolving a cationic surfactant and an antigenic component that comprises an apolar fraction or part of the apolar fraction of a total lipid extract of a mycobacterium in a solvent;

evaporating said solvent from said dissolved cationic surfactant and antigenic component with a gas;

drying said cationic surfactant and said antigenic component;

bringing said cationic surfactant and said antigenic component into a solution so as to form a thin lipid film; and

formulating the adjuvant of claim 1 from said thin lipid film.

- 13. (Previously presented) The adjuvant of claim 1, wherein said mycobacterium is BCG, M. microti, M. tuberculosis or M. vaccae.
- 14. (Previously presented) The adjuvant of claim 2, wherein said glycosylated phenol phthiocerols are phenolic glycolipids.
- 15. (Currently amended) The vaccine of claim 6, 8, wherein said virulent mycobacterium is selected from the group consisting of M. tuberculosis, M. bovis and M. africanum.
- 16! (Withdrawn) An adjuvant comprising a neutral or anionic surfactant and an antigenic component comprising an apolar fraction or part of the apolar fraction of a total lipid extract of a mycobacterium.
- 17. (Withdrawn) An adjuvant according to claim 16 wherein the surfactant is DOPE/PC or DOPE/PC/PG.
- 18. (Previously presented) An immunogenic composition comprising an adjuvant and a tuberculosis antigen, wherein said adjuvant comprises a solution prepared from an evaporated

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mixture of DDA, DODA, or Dc Chol and an apolar fraction of a total lipid extract of BCG, M. microti, M. tuberculosis, M. vaccae, M. bovis or M. africanum and a solvent.

- 19. (Previously presented) The immunogenic composition of Claim 18, wherein said tuberculosis antigen comprises an ESAT6-Ag85B hybrid or a fragment thereof.
- 20. (Previously presented) An adjuvant consisting essentially of a resuspension of an evaporated mixture of a solvent, a surfactant selected from the group consisting of DDA, DODA, and Dc Chol and an apolar fraction of a total lipid extract of BCG, *M. microti*, *M. tuberculosis*, *M. vaccae*, *M. bovis* or *M. africanum*.
- 21. (Previously presented) An immunogenic composition comprising the adjuvant of Claim 20 and a tuberculosis antigen.
- 22. (Previously presented) The immunogenic composition of Claim 21, wherein said tuberculosis antigen is an ESAT6-Ag85B hybrid or a fragment thereof.
- 23. (Previously presented) The immunogenic composition of Claim 22, wherein said surfactant is DDA.
- 24. (New) An immunogenic composition comprising dimethyldioctadecylammonium-bromide, -chloride, -phosphate or -acetate (DDA) and an apolar fraction or part of the apolar fraction of a total lipid extract of a mycobacterium, wherein said composition comprises an antigenic component comprising an antigenic epitope.
 - 25. (New) An immunogenic composition comprising the adjuvant of Claim 1.